

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 02/02307

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60G9/00 B60G11/27 B60G21/05 B60G7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 086 077 A (STUART JOHN W) 11 July 2000 (2000-07-11) column 1, line 55 - line 61; figure 1 column 2, line 30 - line 57 ----	1
A	US 4 856 812 A (STEPHENS DONALD L ET AL) 15 August 1989 (1989-08-15) column 2, line 53 - line 66; figures 1,3 column 4, line 38 -column 5, line 4 ----	1
A	US 4 541 653 A (RAIDEL JOHN E) 17 September 1985 (1985-09-17) column 5, line 31 - line 58; figure 5 ----	1
A	WO 00 76795 A (REAST JOHN BOLLAND ;DETROIT STEEL PRODUCTS CO INC (US)) 21 December 2000 (2000-12-21) page 7, line 4 - line 11; figure 1 -----	1

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

24 October 2002

Date of mailing of the international search report

31/10/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Savelon, 0

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR 02/02307

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6086077	A	11-07-2000	NONE	
US 4856812	A	15-08-1989	AU 3159289 A	12-10-1989
			AU 7616591 A	01-08-1991
			CA 1307800 A1	22-09-1992
			GB 2218949 A ,B	29-11-1989
			US 5046752 A	10-09-1991
US 4541653	A	17-09-1985	US 4465298 A	14-08-1984
WO 0076795	A	21-12-2000	AU 5238200 A	02-01-2001
			EP 1185428 A1	13-03-2002
			WO 0076795 A1	21-12-2000